

Form PTO-1449 (Modified)

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
29520/37890Serial No.
09/978,522Applicant
Descenzo et al.Filing Date
October 16, 2001Group
1638

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

TECH CENTER 1600/2900

MAY 08 2002

U.S. PATENT DOCUMENTS

*Examiner Initials		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
RK	A1	4,945,050	07/31/90	Sanford <i>et al.</i>	435	172.1	—
	A2	5,036,006	07/30/91	Sanford <i>et al.</i>	435	170.1	—
	A3	5,100,792	03/31/92	Sanford <i>et al.</i>	435	172.1	—
	A4	5,573,926	11/12/96	Gunata <i>et al.</i>	435	74	—
	A5	5,705,372	01/06/98	Belin <i>et al.</i>	435	123	—
	A6	5,985,618	11/16/99	Gunata <i>et al.</i>	435	74	—
	A7	6,020,539	02/01/00	Goldman <i>et al.</i>	800	294	—
✓	A8	6,051,409	04/18/00	Hansen <i>et al.</i>	435	172.3	—
RK	A9	6,106,872	08/22/00	Gunata <i>et al.</i>	426	15	—

FOREIGN PATENT DOCUMENTS

*Examiner Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
RK	B1	WO 91/09955	07/11/91	PCT	C12N	15/67		
	B2	WO 92/20808	11/26/92	PCT	C12N	15/85		
	B3	WO 94/12650	06/09/94	PCT	C12N	15/90		
✓	B4	WO 02/06443	01/24/02	PCT	C12N			X
RK	B5	WO 02/06490	01/24/02	PCT	C12N	15/53		

EXAMINER

Russell Kallis

DATE CONSIDERED

12/17/2003

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

RK	C1	Angerosa <i>et al.</i> , "Virgin Olive Oil Volatile Compounds from Lipoxygenase Pathway and Characterization of Some Italian Cultivars," <i>J. Agri. Food Chem.</i> 47:836-839 (1999).
	C2	Baribault <i>et al.</i> , "Genetic Transformation of Grapevine Cells," <i>Plant Cell Reports</i> , 8:137-140 (1989).
	C3	Bilang <i>et al.</i> , "The 3'-terminal Region of the Hygromycin-B-Resistance is Important for its Activity in <i>Escherichia coli</i> and <i>Nicotiana tabacum</i> ," <i>Gene</i> , 100:247-250 (1991).
	C4	Bramlage <i>et al.</i> , "Designing Ribozymes for the Inhibition of Gene Expression," <i>Trends in Biotech</i> , 16:434-438 (1998).
	C5	Cayrel <i>et al.</i> , "Evidence for the Occurrence of Lipoxygenase Activity in grapes (Variety Carignane)," <i>Amer. J. of Enology and Viticulture</i> , 34:77-82 (1983).
	C6	Crouzet <i>et al.</i> , "Enzymes Occurring in the Formation of Six-Carbon Aldehydes and Alcohols in Grapes," in <i>Progress in Flavour Research 1984</i> , Proceedings of 4 th Weurman Flavour Research Symposium (J. Adda ed.) Elsevier Science Publishers, (1985).
	C7	DeBlock <i>et al.</i> , "Transformation of <i>Brassica napus</i> and <i>Brassica oleracea</i> Using <i>Agrobacterium tumefaciens</i> and the Expression of the <i>bar</i> and <i>neo</i> Genes in the Transgenic Plants," <i>Plant Physiology</i> , 91:694-701 (1989).
	C8	Gardner, H.W., "How the Lipoxygenase Pathway Affects the Organoleptic Properties of Fresh Fruit and Vegetables," in: <i>Flavor Chemistry of Lipid Foods</i> . Eds. Min, D.B. and Smouse, T.H. The America Oil Chemists' Society (1989).
	C9	Gibson <i>et al.</i> , "Ribozymes: Their Functions and Strategies for Their Use," <i>Mol. Biotech.</i> , 7:125-137 (1997).
	C10	Guerche <i>et al.</i> , Direct Gene Transfer by Electroporation in <i>Brassica napus</i> ," <i>Plant Science</i> , 52:111-116 (1987).
RK	C11	Hatanaka, A., "The fresh Green Odor Emitted by Plants," <i>Food Review International</i> , 12:303-350 (1996).

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RK	C12	Horsch <i>et al.</i> , "A Simple and General Method for Transferring Genes into Plants," <i>Science</i> , 227:1229-1231 (1985).
	C13	Howell <i>et al.</i> , "Cloned Cauliflower Mosaic Virus FNA Infects Turnips (<i>Brassica rapa</i>)," <i>Science</i> , 208:1265-1267 (1980).
	C14	Klein <i>et al.</i> , "High-velocity Microprojectiles for Delivering Nucleic Acids into Living Cells," <i>Nature</i> , 327:70-73 (1987).
	C15	Lavrosky <i>et al.</i> , "Therapeutic Potential and Mechanism of Action of Oligonucleotides and Ribozymes," <i>Biochem. Mol. Med.</i> , 62:11-22 (1997).
	C16	Leon <i>et al.</i> , "Lipoxygenase H1 Gene Silencing Reveals a Specific Role in Supplying Fatty Acid Hydroperoxides for Aliphatic Aldehyde Production," <i>J. Biol. Chem.</i> , 277:416-423 (2002).
	C17	Neuhause <i>et al.</i> , "Transgenic Rapeseed Plants Obtained by the Microinjection of DNA into Microspore-derived Embryoids," <i>Theor. Appl. Genet.</i> , 75:30-36 (1987).
	C18	O'Conner <i>et al.</i> , "Significance of Lipoxygenase in Fruits and Vegetables," <i>Food. Enzymology</i> , 1:337-372 (1992).
	C19	Scheid <i>et al.</i> , "Reversible Inactivation of a Transgene in <i>Arabidopsis thaliana</i> ," <i>Mol. Gen. Genet.</i> , 228:104-112 (1991).
RK	C20	Waldman <i>et al.</i> , "Stereochemical Studies of Epoxides Formed by Lipoxygenase-Catalyzed Co-oxidation of Retinol, β -Ionone, and 4-Hydroxy- β -ionone," <i>J. of Agri. Food Chem.</i> , 43:626-630 (1995).

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Russell R. Allen

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